



Form PTO-1449 Modified		Docket No. CELL-0276/PA562.d	Application No. 10/684,774		
C	List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office		Applicant Richard S. Dondero, et al.		
			Filing Date October 14, 2003	Group Not Yet Assigned	
			Confirmation No. Not Yet Assigned		
O'	THEF	R DOCUMENTS (Includ	ing Author, Title, Dat	e, Pertinent Pages, Etc.)	
SG	1	Boraschi and Tagliabue, Adjuvants", Methods, 19		rleukin-1 Fragments as Vaccine	
	2	Carter, D.B., et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein," <i>Nature</i> , April 1990, 344, 633-638			
	3	Clore, G.M., "High-resolution three-dimensional structure of inteleukin 1β in solution by three- and four-dimensional nuclear magnetic resonance spectroscopy," <i>Biochemistry</i> , <b>1991</b> , 30(9), 2315-2323			
	4	DeChiara, T.M., et al., "Structure-function analysis of murine interleukin 1: biologically active polypeptides are at least 127 amino acids long and are derived from the carboxyl terminus of a 270-amino acid precursor," <i>Proc. Natl. Acad. Sci.</i> , November 1986, 83, 8303-8307			
	5	Dower, S.K., et al., "Detection and characterization of high affinity plasma membrane receptors for human interleukin 1," J. Exp. Med., 1985, 162, 501-515			
·	6	Dripps, D.J., et al., "Interleukin-1 (IL-1) receptor antagonist bonds to the 80-kDa IL-1 receptor but does not initiate IL-1 signal transduction," <i>J. Biol. Chem.</i> , June 5, 1991, 266(16), 10331-10336			
	7	Driscoll, P.C., et al., "Complete resonance assignment for the polypeptide backbone of interleukin 1β using three-dimensional heteronuclear NMR spectroscopy," Biochemistry, 1990, 29(14), 3542-3556			
	8	Finzel, B.C., et al., "Crystal structure of recombinant human interleukin-1β at 2-0 Å resolution," J. Mol. Biol., 1989, 209, 779-791			
	9	2679-2684		olution," Biochemistry, 1990, 29,	
SG	10			man interleukin-1α: a H-NMR and n Biochemical Societies, April 1998,	
EXAMINER		/Satyanarayan Gud:	ibande/ DATE CO	ONSIDERED 01/24/2007	



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			Confirmation No. Not Yet Assigned		
O'	THEF	R DOCUMENTS (Includ	ing Author, Title, Date,	Pertinent Pages, Etc.)	
SG	11	Hannum, C.H., et al., "Interleukin-1 receptor antagonist activity of human interleukin-1 inhibitor," <i>Nature</i> , January 1990, 343, 336-340			
	12	Huang, J.J., et al., "Muteins of human interleukin-1 that show enhanced bioactivities," FEBS Letters, November 1987, 223(2), 294-298			
	13	Jobling, S.A., et al., "Biological activity and receptor binding of human prointerleukin-1β and subpeptides," J. Biol. Chem., November 5, 1988, 263, 16372-16378			
	14	Ju, G.E., et al., "Conversion of the interleukin 1 receptor antagonist into an agonist by site-specific mutagenesis," <i>Proc. Natl. Acad. Sci. USA</i> , April 1991, 88, 2658-2662			
	15	Kramer, D.R., et al., "Cytokine mediated effects in mucosa immunity," <i>Immunology</i> and Cell Biology, 1995, 73, 389-396			
	16	Lin, et al., "Present status of the use of cytokines as adjuvants with vaccines to protect against infectious diseases," <i>Clinical Infectious Diseases</i> , December 1995, 21, 1439-1449			
	17	Lofthouse, S.A., et al., "Parameters related to the application of recombinant ovine interleukin-1β as an adjuvant," <i>Vaccine</i> , 1995, 13(14), 1277-1287			
	18	MacDonald, H., et al., "Point mutations of human interleukin-1 with decreased receptor binding affinity," FEBS Letters, December 1986, 209(2), 295-298			
	19		A novel IL-1 receptor clonin many cell types," EMB	ed from B cells by mammalian <i>O J</i> , 10(10), 2821-2832	
SG	20			polpeptide lengths of the and 1β," Proc. Natl. Acad. Sci.,	
<b>EXAMINER</b>	/	Satyanarayan Gudiban	de/ DATE CONS	SIDERED 01/24/2007	



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			Confirmation No. Not Yet Assigned			
O	ГНЕГ	R DOCUMENTS (Includ	ing Author, Title, Date, l	Pertinent Pages, Etc.)		
SG	21		nt Protein of Human Interlacy", Life Sciences, 1990, 4	eukin-1β with Immunostimulatory 17, 1707-1714		
	22	Nash, A.D., et al., "Recombinant cytokines as immunological adjuvants," Immunology and Cell Biology, 1993, 71, 367-379				
	23	Priestle, J.P., et al., "The three-dimensional structure of human interleukin-1β refined to 2.0 A resolution," in <i>Cytokines and Lipcortins in Inflammation and Differentation</i> , <b>1990</b> , 297-307				
	24	Priestle, J.P., et al., "Crystal structure of the cytokine interleukin-1β," <i>The EMBO Journal</i> , 1988, 7(2), 339-343				
	25	Seckinger, P., et al., "A urine inhibitor of interleukin 1 activity affects both interleukin $1\alpha$ and $1\beta$ but not tumor necrosis factor $\alpha$ ," J. Immunol., September 1, 1987, 139(5)				
	26	Sims, J.E., et al., "CDNA expression cloning of the IL-1 receptor, a member of the immunoglobulin superfamily," <i>Science</i> , July 29, 1988, 241, 585-588				
	27	Spriggs, M.K., et al., "Indudction of an interleukin-1 receptor (IL-1R) on monocytic," J. Biol. Chem., December 1990, 265(36), 22499-22505				
	28	Staats and Ennis, "IL-1 Is an Effective Adjuvant for Mucosal and Systemic Immune Responses When Coadministered with Protein Immunogens", <i>The Journal of Immunology</i> , May 15, 1999, 162, 6141-6147				
	29	November, 1999, 11, 19	9	for Nasal Vaccines", Cytokine,		
SG	30	responses to a bacterial p subunit, and effects of pr	rotein antigen given with ee-existing anti-CT immun	cosal priming for mucosal immune or coupled to cholera toxis (CT) B ity," <i>Vaccine</i> , <b>1994</b> , <i>12</i> , 215		
EXAMINER		/Satyanarayan Gudiba	nde/ DATE CONS	SIDERED 01/24/2007		



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			Confirmation No. Not Yet Assigned	
0	THE	R DOCUMENTS (Incl	luding Author, Title, Date, l	Pertinent Pages, Etc.)
SG	31		ite-specific muant of IL-1β we Res., <b>1990</b> , 9, 599 (Abstract	vith reduced activity but wild-type No. 3.55)
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## **U. S. PATENT DOCUMENTS**

Name

Date

32 33 34 35 36	5,206,014 5,286,847 5,334,379 5,503,841 5,847,098	04/27/93 02/15/94 08/02/94 04/02/96	Nencioni, et al.  Gehrke et al.  Pillai, et al.  Doyle, et al.	530	351
34 35	5,334,379 5,503,841	08/02/94	Pillai, et al.	530	351
35	5,503,841	-			
		04/02/96	Doyle, et al.	<u> </u>	
36	5,847,098		1 - '		
	· · ·	12/08/98	Nakai et al.	536	23.5
	FOR	EIGN PATE	ENT DOCUMENTS		
miner				Translation	
	Document No.	Date	Country	YES	NO
37	WO 91/01143	07/16/90	PCT		
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	/Caturanamayan G	idibando/		01/04/0	107
		Document No. 37 WO 91/01143	Document No. Date	37 WO 91/01143 07/16/90 PCT	Document No.   Date   Country   YES